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Docket No. 392.1444RE/WMS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Reissue Application of:

Atsushi WATANABE, et al.

U.S. Patent No.: 5,845,053

Issued: December 1, 1998

For: METHOD FOR TEACHING WELDING TORCH ORIENTATION



Group Art Unit:

Examiner:

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**REISSUE APPLICATION DECLARATION UNDER 37 C.F.R. § 1.175**

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

We, Atsushi WATANABE, Takayuki ITO and Tatsuo KARAKAMA declare that:

1. Our residences, post office addresses and citizenships are as stated below next to our respective names.

2. We believe we are the original, first and joint inventors of the subject matter which is described and claimed in U.S. Letters Patent No. 5,845,053 ("the '053 patent") granted on December 1, 1998, and for which invention we solicit a reissue patent on the invention entitled METHOD FOR TEACHING WELDING TORCH ORIENTATION, the specification of which is attached hereto.

3. We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims as amended in the attached reissue application.

4. We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

5. We hereby claim priority benefit under Title 35, United States Code, Section 119(a)-(d), of Japanese Patent Application No. 6-283969, filed October 25, 1994.

6. We believe the original '053 patent to be wholly or partly inoperative or invalid by reason of claiming more or less than we had the right to claim in the patent.

7. With respect to broadening the claims, one error being relied upon as the basis for the reissue is that claims 1 and 2 are unduly narrow due to the recitation of "for each section". Accordingly, in the reissue application, claims 1 and 2 have been written to omit the above-identified limitation. In addition, issued claims 1 and 2 are unduly narrow for reciting a forward angle which is an inclined angle of the welding torch with reference to a direction of the section. As such, claims 1 and 2 have been written to recite the forward angle is an inclined angle of the welding torch "with reference to a weld line".

8. All errors, including those listed above, which are being corrected up to the time of filing of this reissue declaration arose without any deceptive intention on the part of the application (37 CFR §1.175(a)(2)).

9. We hereby appoint the attorneys and/or agents of Staas & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence related to the above-identified application to the following address:

Staas & Halsey LLP  
700 Eleventh Street, N.W.  
Suite 500  
Washington, D.C. 20001



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10. We hereby declare that all statements made herein of our own knowledge are true, that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor Atsushi WATANABE

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

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